HL-6180DWT Environmentally Friendly Printing

Our commitment to the environment is brought to life with a range of eco friendly features and the attainment of a range of environmental labels and awards:

- Separate Toner & Drum: Less wastage and reduced print costs.
- Toner Save: The Eco feature uses less toner, which can help you to reduce your print spend.
- 2-Sided, N-in1 & Booklet Print: Reduce paper consumption by up to 75% by printing multiple pages onto a single sheet of paper.
- Deep Sleep Mode[5]: Consumes less than 1 watt of power when not in use, which is 5 times less energy when compared to the standard ready mode.
- Quiet Mode: Reduces the noise level so the device can be used in intellectual areas as recommended by Blue Angel.

GENERAL

Technology	Electrophotographic laser printer
Laser Classification	Class 1 laser product (IEC 60825-1:2007)
Standard Print Speed (Simplex)	Up to 40ppm (pages per minute)
2-Sided Print Speed (Duplex)	Up to 18ipm (images per minute)
Warm Up Time	Less than 1 second (from sleep mode)
First Print Out Time	Less than 8.5 seconds (from ready mode)
Resolution	1,200 x 1,200dpi, HQ1200 (2,400 x 600dpi quality), 600 x 600dpi
Processor	400MHz
Memory Capacity	128MB (expandable up to 384MB using 1 x 144 pin, 16bit DDR2 DIMM)
Local Interface	Hi-Speed USB2.0
Wired Network Interface	Gigabit Ethernet (10Base-T/100Base-TX/1000Base-T)
Wireless Network Interace	IEEE 802.11b/g/n
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point
Easy Wireless Setup	Wi-Fi Protected Setup™ (WPS) & AirStation OneTouch Secure System™ (AOSS)
Print Languages	PCL6, BR-Script3 (Postscript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts
Embedded Fonts (PS)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM(US-PostNet), Post Net(US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C)
Backlit LCD Display	16 characters x 1 line

PAPER HANDLING

Paper Input	2 x 500 sheet standard paper trays 50 sheet multi-purpose tray
Paper Output	150 sheets face down 1 sheet face up (straight paper path)

MEDIA SPECIFICATIONS

Media Types & Sizes	Standard Paper Tray - Plain & recycled paper (between 60 - 105 g/m2 (16 - 28 lb)) Multi-Purpose Tray - Plain, recycled & bond paper (between 60 - 163g/m2 (16 to 43lb))
Media Weights	Standard Paper Tray - A4, Letter, B5(ISO/JIS), A5, A5(Long Edge), B6(ISO), A6, Executive, Legal, Folio (A4 only supported in automatic duplex print mode) Multi-Purpose Tray - Width: 76.2mm to 215.9mm (3" to 8.5") x Length: 127mm to 355.6mm (5" to 14")
Envelope & Label Printing	Yes, from Multi-Purpose (MP) Tray (accuracy & reliability will depend on the quality & type of media used)

SUPPORTED OPERATING SYSTEMS

Windows®	Windows 7® (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows® XP Professional (32 & 64 bit editions), Windows® XP Home Edition, Windows® Server 2008R2, Windows® Server 2008 (32 & 64 bit editions), Windows® Server 2003 (32 & 64 bit editions)
Macintosh	Mac OS X 10.5.8, 10.6.x, 10.7.x
Linux	CUPS, LPD/LPRng (x86/x64 environment)

MOBILE PRINTING

iPrint&Scan	Print JPG & PDF files from a Microsoft®, Apple® or Android® smart phone / tablet (Microsoft® is JPG only)
Google Cloud Print	Print most common file types from any Google Cloud Print® enabled application

DRIVER FEATURES

N-up Printing[2]	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page
Poster Printing[3]	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing[3]	Watermark your documents with predefined text or with your own user-defined messages
Macro Printing[3]	Create & embed custom templates, for example a company logo, which automatically prints on all of your printed documents
ID Printing[3]	Add identification to your printed documents (date & time, short custom message or PC username)
Booklet Printing[3] Quite Mode	Print documents in A5 booklet format using automatic or manual 2-sided print Reduces the noise of the machine whilst printing (a small reduction in print speed also occurs)
Skip Blank Page[3]	Ignores any blank pages in your documents
Reprint[3]	Print the last document that was sent to the machine

NETWORK UTILITIES / PROTOCOLS

Web Based Management	Web browser based management software
Driver Deployment Wizard	A quick & easy way to deploy Brother printer drivers on a networked Windows® PC
BRAdmin Professional	For LAN / WAN management (Downloadable from http://solutions.brother.com)
Print Log to Network	Records printing activities from individual users
E-mail Notifications	Automatic alerts sent via e-mail when the device needs attention, e.g. toner low
Protocols	TCP/IP (IPv4 & IPv6)
IPv4 Supported Protocols	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/ v3, ICMP, Web Services (Print), CIFS client, SNTP client
IPv6 Supported Protocols	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/ Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, Web Services (Print), CIFS Client, SNTP Client

SECURITY FEATURES

Security Protocols	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, Kerberos
Setting Lock	Lock down the control panel to stop unwanted user access
Secure Print	Assign a 4 digit PIN to each print job that must be enterable at the control panel in order to retrieve
Secure Function Lock v2	Restrict print activities to selected users and assign optional page limits
Secure Printing with SSL	IPP based encryption, already widely used in e-commerce to protect financial & sensitive information
IP Filter	IP address based access restriction (IPv4 only)
802.1x (Wired Network Access Control)	Supported Protocols - EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS
802.1x (Wired Network Access Control)	Supported Protocols - LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS
Wireless Network Security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)

SUPPLIES / ACCESSORIES

In-box Toner	Approx. 8,000 pages[1]
Standard Toner	TN-3330 - Approx. 3,000 pages[1]
High Yield Toner	TN-3380 - Approx. 8,000 pages[1]
Super High Yield Toner	TN-3390 - Approx. 12,000 pages[1]
Drum	DR-3300 - Approx. 30,000 pages (one job per page)

WEIGHTS & DIMENSIONS

With Carton	664(w) x 503(d) x 702(h) mm / 20.9kg
Without Carton	371(w) x 384(d) x 418(h) mm / 14.6kg

ENVIRONMENT

Typical Electrical Consumption	2.07kWh / week
Power Consumption	700W active, 5.0W ready, 0.6W deep sleep (2.8W when wireless is enabled)
Sound Pressure	59dBA active, 54dBA quiet mode, 34dBA ready
Sound Power	6.8BA active, 6.4BA quiet mode, 4.5BA ready
Power Save	Consume less energy when not in use
Toner Save	Reduces toner usage

DUTY CYCLE

Recommended Monthly Print Volume	1,000 to 5,000 pages
Maximum Monthly Volume	100,000 pages[4]

[1]Declared yield value in accordance with ISO/IEC19752, [2]Windows® & Mac only, [3]Windows® only, [4] Maximum number of printed pages per month and can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements. [5]Only available when wireless is disabled

Contact:

Brother International Corporation (Ireland) Ltd
Boeing Road, Airways Industrial Estate, Santry, D.17,
Tel:+353(0)1-241 1900 Fax:+353(0)1-842 4666
Email: sales@brother.ie Web-site: www.brother.ie

All specifications correct at time of printing. Brother is a registered trademark of Brother Industries Ltd.
Brand product names are registered trademarks or trademarks of their respective companies.

HL-6180DWT

brother at your side

SATISFY YOUR WORKGROUP WITH HIGH SPEED OUTPUT

THE HL-6180DWT IS THE ULTIMATE WORKGROUP PERFORMER OFFERING HIGH SPEED OUTPUT AND ROBUST RELIABILITY TO DEAL WITH THE MOST DEMANDING BUSINESS ENVIRONMENTS

Features to optimise your workflow

- High speed output at up to 40ppm
- Up to 12,000[1] page super high yield toner cartridges
- Standard paper capacity of 1050 sheets
- Gigabit Ethernet and 802.11n Wi-Fi connectivity
- Backlit LCD display
- First page out in less than 8.5 seconds
- Automatic 2-sided printing with booklet feature
- 1,200 x 1,200 dpi resolution

THE HIGH PERFORMANCE PRINTER

Regardless of your business size Brother understands that your business runs on information. The HL-6180DWT is packed with a range of easy-to-use, cost effective output solutions that are designed to deliver outstanding results time after time.

"Robust and reliable, the **HL-6180DWT** is the dependable productivity partner"

PRODUCTIVE

A first page out time of less than 8.5 seconds and an impressive print speed of up to 40ppm ensures large volume print jobs are handled with ease and deadlines are met. The intuitive 1 Line LCD enables users to get the results they need quickly and easily.

FLEXIBLE

High volume printing requires professional paper handling. With 2 x 500 sheet lower trays as standard you'll be replenishing paper less frequently. The 50 sheet multi-purpose tray offers the flexibility of printing on a range of media types including envelopes, thicker paper and labels.

COST EFFECTIVE

The optional 12,000[1] page super high yield toner cartridge, together with the separate drum unit provides exceedingly low running costs which results in a better total cost of ownership. Additionally a range of cost saving Features including toner save mode and booklet printing allow significant reductions on print costs.

PROFESSIONAL

Thanks to the 1,200 x 1,200 dpi print resolution you'll get sharp crisp text and accurate reproduction of even the finest details on the page. With automatic 2-sided and booklet printing as standard you can produce professional reports and presentations and reduce paper consumption by up to 75%.

INTEGRATED

Gigabit Ethernet and the latest 802.11n Wi-Fi connectivity allow seamless integration into existing officeinfrastructure.PCL6 and BR-Script3 ready (Postscript®3™ Language Emulation) with support for, barcode printing as standard enables instant compatibility with business critical systems and applications including SAP.

RELIABLE

Capable of handling up to 5,000 pages every month with ease, the HL-6180DWT delivers exceptional quality and performance, consistently meeting the needs of the most demanding business environments.

BROTHER'S DEVICE MANAGEMENT SOLUTIONS

The HL-6180DWT is compatible with a range of utilities for device administration and management:

- **BRAdmin Professional** – A device management utility for remotely monitoring and configuring your printer fleet across multiple locations.
  Remotely diagnose user issues and setup automatic email alerts for instant notification of printer downtime enabling you to solve potential problems before they impact on productivity.
- **Web Based Management** – Manage and configure a single device by creating a direct connection through a standard web browser.
- **Central Deployment -** Deployable printer drivers that can be distributed and then automatically installed to multiple computers from one central location.

DATA SECURITY

- **Business critical data** will remain safe and secure thanks to SSL encryption ensuring that information transmitted from computer to printer is encrypted for maximum security.
- **The secure print feature** allows print jobs to be stored in the memory, only being released when a 4 digit PIN code is entered on the LCD.